## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re F	Patent .	Application of							
IZUM	I et al.		Atty. Ref.:	925-197					
Serial	No.	To be Assigned	Group:						
Filed:		December 31, 2003	Examiner:						
For:		TIVE MATRIX SUBSTRATE, DISPLAY DEV AGE SENSING DEVICE	VICE, AND						
		* * * * * * *	* * *						
			December 31	, 2003					
P.O. 1	Box 1	ner for Patents 450 , VA 22313-1450							
Sir:									
INFORMATION DISCLOSURE STATEMENT									
$\boxtimes$	1.	PTO-1449 Pursuant to 37 CFR 1.97(b) [within 3 months of filing or prior to 1st Office	e Action]	N/C					
	2.	Statement Pursuant to 37 CFR 1.97(c) [before Final Office Action and Allowance]		N/C					
	3.	Fee Payment Pursuant to 37 CFR 1.97(c) [before Final Office Action and Allowance]		\$180.00					
	4.	Pursuant to 37 CFR 1.97(d) [before Issue Fee payment]		\$180.00					
	The	following are submitted in the above-identified	application in	compliance with 37					
C.F.R	. §§ 1.	97 and 1.98:							
	5.	A list of documents on Form PTO-1449. Actual copies of the references listed on the attached form PTO-1449 are not included herewith in accordance with MPEP §609, these references being previously submitted in any and all of the parent applications. The parent application includes U.S. application Serial No. 09/863,266.							

This paper is submitted in accordance with:

IZUMI et al. Serial No. To be Assigned

$\boxtimes$	6.	37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]				
	7.	37 CFR 1.97(c): [before Final Office Action and Allowance, whichever is earlier]; and				
		a) The required Statement made in item 9 below; or				
		b) The \$180.00 fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is authorized in item 10 below.				
	8.	37 CFR §1.97(d): [before issue fee payment]; and				
		a) The fee (\$180.00) required by 37 CFR §1.17(p) is authorized in item 10 below; and				
[		b) The required Statement is stated in item 9 below.				
	Statement under 37 CFR 1.97(e)					
		The undersigned attorney of record hereby certifies under 37 C.F.R. §1.97(e) that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement (each item contained in this IDS was the first citation of that item by a foreign patent office in a counterpart foreign application which occurred no more than three months prior to the filing of this IDS); or				
		No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement, after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.				
$\boxtimes$	10.	Please charge all applicable fees associated with the submission of this Information Disclosure Statement and any other fees applicable to this application to Deposit Account No. 14-1140. An original and one (1) copy of this document are enclosed.				
	Respectfully submitted,					
		By:  Joseph A. Rhoa Reg. No. 37,515				
JAR:cai		\ /				

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IZUMI et al. Serial No. To be Assigned

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INFO	RMATION DISCLOSURE	925-197		To be Assigned									
	CITATION												
		APPLICAN	ıı	-									
		IZUMI	et al.										
	(Use several sheets if necessary)	FILING DA		GROUP									
		Decemb	per 31, 2003										
		U	.S. PATENT DOCUMENTS										
*EXAMINEF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPRO							
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	6,052,162	04/2000	Shimada et al.										
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	4,902,592	2/1990	Matsumura et al.										
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· · · · · · · · · · · · · · · · · · ·	2933879	08/1999	JP			abst.	**						
	10-20321	01/1998	JP			abst.							
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	04081820A	3/1992	JP			abst.							
	OTHER DOC	UMENTS (i	including Author, Title, Date, Pe	rtinent pages,	etc.)								
			. 09/863,266 filed May 24, 2001		•								
	Denny L. LEE et al.: 249, 1995	Denny L. LEE et al.: " A New Digital Detector for Projection Radiography", Proc. SPIE, vol. 2432, pp. 237-											
	Korean Office Action dated June 26, 2003 (no translation)												
	Chinese Office Action	Chinese Office Action dated August 8, 2003 (with English translation)											
*Examine	r	Date Considered Date Considered											
			conformance with MPEP 609; Draw line through	citation if not in conform	nance and not o	onsidered. I	nclude						
copy of this to	rm with next communication to applicat	uon.											

Form PTO-FB-A820 (Also PTO-1449)